

ABSTRACT OF THE DISCLOSURE

An integrated voltage controlled oscillator is provided. The integrated voltage controlled oscillator includes a first slab inductor having two ends and a second slab inductor having two ends. A first oscillator core is connected to a first end of the first slab inductor and a second end of the second slab inductor, and a second oscillator core is connected to a second end of the first slab inductor and a first end of the second slab inductor. In this manner, the low-loss slab inductors provide the oscillator tank inductance.

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